

# The Tech

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CAMBRIDGE, MASSACHUSETTS, TUESDAY, MAY 1, 1956

5 CENTS

## Lacrosse Team Upsets UNH 5-3 Dyke Scores 3 To Lead Stickmen

Tech's high flying lacrosse team pulled up its fourth straight win last Friday by beating a strong University of New Hampshire team 5-3. Tech defeated in college play, the Mar-men face two of their roughest opponents this week as they travel to Harvard on Wednesday and return home against Amherst on Saturday.

In topping New Hampshire, last year's division champs, the Engineers recorded their most impressive win of the season. Behind 2-1 at the half, the stickmen came back with three goals in the third period and clincher in the fourth as Co-Captains "Leaky" Dyke and Joe Hamlet led the way. The game was won at an expensive cost, however, as a late injury to Dyke may cause him to miss several games. Another injury, this one to second center Paul Ekberg, necessitated Hamlet's playing the last 13 minutes without substitution.

New Hampshire dominated play in the first period, picking up an early goal at 3:50. It took Tech a while to get settled on the hard rolled field which also suffered from the lack of grass. New Hampshire's Gardner made it 2-0 early in the second period as only the fine play of Dyke and Langmack kept MIT in the game. "Leaky" picked up his first of three goals at 12:30, scoring unassisted to get the lead to one.

Opening the second half, MIT wasted no time in tying it up as "Killer" Beale scored within the first minute on a pass from Dyke. The lead was short-lived, however, as a low bouncing shot got past Ed Purcell in the goal to put UNH back ahead 3-2. 2 minutes later Dyke put the Martinmen back in the game

again as he scored his second unassisted goal on a hard shot from in front. The goal that broke New Hampshire's back though, came at 12:07 as Dyke scored while Tech was a man down. Marinos Gerakaris intercepted a pass deep in Tech territory, flipped it to Dick Child, who passed it to Walt Frey who beautifully gave it to Dyke who again put the ball past the UNH goalie.

Dave Clunies picked up his first goal of the season at 4:24 of the final period to make it 5-3, and for the remainder of the game Tech employed a very successful freeze. With Dyke and Ekberg both out, the stickmen still managed to hold off the hard pressing Wildcats for the remainder of the game. The tension was extremely high in the last few minutes when penalties to Beale and Hamlet put Tech down two men, but still UNH was unable to score.

## Plan Institute-Wide Civil Defense; MIT Family To Receive Training

A program of civil defense, involving total mobilization of the ten thousand MIT personnel, is currently being undertaken here at the Institute. Each faculty member, member of the administration, employee, and student, is being asked to join one of nine civil defense Divisions; all will eventually receive some degree of training against the dangers of nuclear attack. In charge of the program is Professor Douglas P. Adams, of the Graphics Department, who has been Director of MIT Civil Defense since June, 1955.

Professor Adams, in a letter re-

## Committees Debate Judcomm Riot Act Press Conferences

Once again, as student governing groups met throughout the campus, topics of discussion varied from press conferences to the effects of Spring on the student. In regard to the latter a joint Judicial Committee meeting which included representatives of both Fraternity and dormitory judicial groups restressed the far reaching effects that a riot this particular could have. Due to the adverse publicity which has already put MIT in a slightly unfavorable position in the public eye, any unusual events occurring at the Institute this year could lead to even worse public relations. It was emphasized that the faculty and administration as well as student government trusts that every student will see the importance of this issue and use his discretion accordingly. Copies of the "riot act" (Continued on page 3)

cently sent to the heads of all Institute Departments and Projects and to the Student Governments of the Living Groups, asked each leader to enroll every member of his group, by preference, in one of the civil defense Divisions. Many of the departments and projects have already complied; the fraternities are taking action now, and the dormitories will soon begin.

The four largest Divisions will be "Firefighting Support," "Medical and First-Aid," "Wardens," and "Rescue and Clearance Support" which will claim 90% of the personnel. In addition, smaller numbers—one to four per cent each—will be selected to make up the "Auxiliary Police," "Shelter," "Communications," "Radiology," and "Food and Sanitation" Divisions. Disabled persons, who would need physical assistance in time of disaster, form a tenth Division.

Specific details about the times, places, and pattern of future training programs are not yet available; however, most training will probably not begin until next Fall. Adams notes that, "Training time will be minimized so far as practicable, and persons will be informed when training." (Continued on page 4)

## Lall, Salsamendi To Speak During International Week

A lecture yesterday evening by the Ambassador to the United States from Viet Nam, three more speeches by Asian and American leaders between now and next Sunday, a UNESCO-sponsored conference of Asian educators, discussion groups of MIT students of foreign citizenship meeting with the living groups, and a "Hall of Nations" photographic exhibit—these are the highlights of the Undergraduate Association's International Week, now in progress.

Tomorrow evening at eight p.m. in Kresge Auditorium, Mr. Asdrubal Salsamendi of the United Nations Public Information Department, will speak on the subject: "The United Nations and Latin America". Mr. Salsamendi is a native of Uruguay, where he has served with various cultural organizations.

Friday evening at five p.m., a Kresge audience will hear Mr. Arthur S. Lall, the Permanent Delegate from India to the United Nations. His topic will be: "The Indian Synthesis and the West". According to a biographic sketch of Mr. Lall, he "has represented India in numerous trade and economic negotiations . . . Served as Commercial Counsellor for India in London from 1947 to 1949. Consul General of India from 1951 to September 1954."

Senator Leverett Saltonstall of Massachusetts will deliver the concluding address on Sunday after-

noon.

The problems of present-day south Viet Nam were discussed by His Excellency Tran van Chuong yesterday in a speech entitled "Bulwarks of the Free World". Afterwards, the Ambassador attended a buffet supper in his honor, sponsored by the Associated Women Students. Mr. Chuong explained the situation in his homeland.

"After the Geneva armistice, South Viet Nam was confronted with such crushing problems that her chances of survival were very dim. They were so dim that some countries seemed to have staked on the communists ultimately taking over."

"Now with the firm help of the United States, the situation is not only much brighter, it is secure."

Meanwhile, a series of conferences will be conducted by UNESCO and the MIT Center for International Studies on the subject "Human Values in Social Change in Southern Asia and in the United States."

Five Asians will hold a series of three-hour discussions on Tuesday, Wednesday and Thursday with five Americans from a panel of eleven. These sessions will be held at 9:30 a.m. in the Scheoll Room of the Sloan Building. At 2 p.m. on Friday, May 4, representatives of the group will present a summary of their discussions at a public meeting in the Little Theatre of Kresge Auditorium.

## Two New Medical Appointments: Summer Study Fellowships To 93

The appointments of a Boston psychiatrist and a Rhode Island physician, both graduates of Harvard College and Harvard Medical School, to the medical staff at Massachusetts Institute of Technology, were announced last night by Dr. James M. Faulkner, MIT medical director.

### Rhode Island Physician

Dr. Samuel D. Clark, who will join the MIT staff in September, has been a physician in Bristol, R. I., since 1939. In addition to his private practice, he has been Bristol health officer and has held several high offices in the town.

Dr. Lemoyne White, who will go

to MIT in July, is associate psychiatrist at Massachusetts General Hospital and instructor in psychiatry at Harvard Medical School. He will succeed Dr. Herbert I. Harris, MIT staff psychiatrist who will remain with the Institute in a part-time capacity.

### New Psychiatry Head

In announcing the two new appointments MIT medical director Faulkner said:

"It is a pleasure to announce the addition of two such able men to the full-time staff of the MIT medical department."

"Dr. White will be in charge of our psychiatric section. He will continue with Dr. Harris the section's work in relating psychiatry to the educational process and to the counseling of students."

"Dr. Clark is not only a first rate physician with a broad experience in general practice, but also has had an active career in community affairs. Professionally and personally he is ideally attuned to the needs of an academic community."

### Summer Fellowships

Ninety-three secondary school science teachers across the country have been awarded fellowships for a special course of summer study at the Institute.

The Institute has offered this summer study session for the past several years and has proved invaluable both for the participants and the prestige of the Institute.

The teachers have been selected for the six-week program and will receive fellowship assistance from the Westinghouse Educational Foundation. They come from thirty-four states and the Canal Zone.

### Review Fundamentals

The program is designed to provide a review of fundamental subject matter in physics, chemistry, and biology, and a survey of recent scientific developments in a number of fields.

## Nine Records 6th Win

## Baseball Team Tops USCG Twice

Sweeping both ends of a double header with the Coast Guard Academy, MIT fattened its season record to six wins and one loss. Tech took the first game 2-1, and walked off with the nightcap 6-4.

MIT drew first blood in the opening, scoring one run in the last of the first. Two singles and a fielder's choice put Stu Ohlson '56 in scoring position and Ed Newhall '56 drove him across the plate with a single to center. The Coast Guardsmen tied it up in the third and the game was deadlocked going into the sixth inning. Pitcher Newhall got the Guards out and his teammates pulled the game out of the fire by coming through with three singles. Ohlson and Larry Hallee '56 singled and Walt Ackert '58 drove the winning run across with the third hit. Coast Guard went scoreless in the top of the seventh and the Beavers chalked up another one—a neat three-run lead by Ed Newhall.

Tech also scored first in the second game. In the second inning, Ackert got on first on an error by the catcher. Walt stole second, went to third on an infield hit, and scored on a passed ball. Coast Guard pushed a run across in the fifth, but MIT bounced back in the bottom half of the inning to go out in front again. With Speer on first and Sullivan on second, Newhall tapped the ball back to the Coast Guard moundsmen and was thrown out at first. Sullivan popped up to third, but Speer overran second and was tagged out. Hallee was the next man up, powdered the ball over the left fielder's head, but was caught at first when it looked like the outfielder had hauled it in. He



Tech infielder in play against Coast Guard Academy on Briggs Field last Saturday.

hadn't, however, so Larry was off and running again, stopping at third on a hit that could have been a home run.

A four-run assault in the sixth inning put the second game on ice as Tech parlayed hits by Hallee and Speer with two Coast Guard errors and a passed ball.

The visitors made a short-lived attempt to come back in the seventh, but were put down by reliever Denny Powell. He struck out the first man he faced, threw a wild pitch scoring the runner from third, but retired the last batter on a pop-up, ending the ball game.

## Sunshine Graces IFC Weekend; Dance, Cocktail Parties Success

From last Friday till Sunday, fraternity men threw aside all thoughts of schoolwork and lost themselves in the magic of the annual IFC Weekend.

Friday evening saw 450 couples dancing to the mellow music of Jack Edwards and his orchestra in the main ballroom of the Sheraton Plaza Hotel. Toshika Akiyoshi, young Japanese jazz pianist, entertained the fraternity men and their dates during intermission.

The first really warm, sunny day this year greeted fraternity men as

they started the Saturday activities by taking their dates to Storyville and good jazz music. The cocktail parties later that afternoon at Phi Mu Delta, Delta Tau Delta, and Chi Phi were made even more enjoyable by the warm weather.

Despite the rain Saturday evening the parties held at Phi Beta Epsilon, Delta Kappa Epsilon, and Theta Delta Chi proved very successful. Phi Beta Epsilon held a World Traveler party at the Cambridge Boathouse. Special effects included travel posters. A Gay Nineties atmosphere prevailed at the Deke house as the Bowdoin Polar Bears provided the music. A large outhouse and still in front of the Theta Delta Club house were the feature decorations of their Out-house Orgie.

IFC Week-end activities were formally and successfully concluded Sunday afternoon by a jazz Concert at the Deke house featuring the Bowdoin Polar Bears.

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# The Tech

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Entered as second class matter at the post office at Boston, Massachusetts

## the college world

In this Golden Age of psychological surveys, and psycho-analytic questionnaires, it is difficult to determine who is tested most frequently in today's university: the students or the faculty.

And interestingly enough, the most prominent among the Grand Inquisitors of college instructors have been technical institutions. The Illinois Institute of Technology recently announced a school-wide poll to determine the IIT students' ratings of all their faculty members. The poll will largely consist of student-answered questionnaires, similar to those that MIT freshmen were given the opportunity to fill out last term. Cal Tech also employed like tactics to calm the upset tempers of many undergraduated students.

However, one of the most enlightening instructor evaluation tests was held at Worcester Polytechnic Institute within the past month. A portion of the undergraduate body, composed mostly of Juniors and Seniors, were asked what three attitudes or abilities in their instructors they found most motivating. The top choice on the positive side was the teacher's ability to emphasize the course's importance in earning a living. Next came knowledge of the subject and related fields, followed by a well-defined outline of the course's objectives. On the negative side, WPI students felt most discouraged by the instructor's employment of personal sarcasm, the use of "fear" tactics, and lastly, continual self-praise.

No one can deny that with the high cost of modern college education, and the overburdened curricula (particularly in engineering schools) the student has the right to demand the most of his teachers, but at times it seems doubtful that the continual rush of inquiries that now plague the instructor will benefit the situation as much as a serious consideration of the instructor's own personality traits.

—Pat McGovern '59

## reviews

Last Sunday, this reviewer had the opportunity to hear one of New England's finest concert bands. The Yale Concert Band played a return engagement from last December, when MIT's concert band played at Yale.

The first number on the program was Crestou's *Celebration Overture*, a lively number which made use of the full sound and power of the band and left no doubt with the audience that the remainder of the program was to be played by an exceptionally competent band. The oboe solo in Marcello's *Concerto for Oboe* was performed by William Ulrich, who did a superb job. Musical feelings, as well as a fine technique enabled Mr. Ulrich to keep everyone thrilled with his performance.

Excerpts from Moussorgsky's *Pictures at an Exhibition*, arranged for band by Erik Leidzen, was the closing number on the first half of the program. Although this number was originally written for piano, Ravel developed an arrangement for orchestra which the band used. When a band performs an orchestral work, it puts itself at a disadvantage, for it cannot simulate the sound of an orchestra. Mr. Wilson had some difficulty in keeping the band together at times, but the overall quality of the performance was good.

The second half of the performance opened with the *Second Suite for Band* by Gustav Holst. In spite of a little roughness in the middle woodwinds and a poor opening by the tubas, it was excellently done. Perhaps the more than adequate size of the band hinders its performing very delicate pieces such as this one.

The Band displayed true warmth and feeling in executing the *Chorale and Alleluia* by Hanson. This remarkably full piece showed the excellent control and tonal finesse of the band.

The final number was a selection called the *Chronology of the March*. It featured five representative marches of periods from the 15th century to the present. A fine performance of this work was marred only by the cornet section which was completely lost in one number. Included in this medley was the finest arrangement I have ever heard of Sousa's *Liberty Bell*.

The encore, which was demanded by the enthusiastic audience, was a selection of Yale songs.

## standing room only

"The Devil's Disciple" by George Bernard Shaw  
Produced by Lyric Productions

Directed by Grace E. Tuttle

Fine Arts Theatre, thru May 6 (Tuesday thru Sunday)

Reviewing the Tufts Community Players production of "King Of Hearts", I stuck my neck out in praise of amateur theatre; perhaps something as constructive can be said about semi-professional theatre.

About six months ago, the grapevine passed the word that a new semi-pro repertoire company was to be formed by some recent graduates of the Yale Drama School. The fate of such groups in the past has been rather sad, and pessimism ran high on Lyric's chances of survival. The company, composed mainly of Boston area people, was actually formed, however, and, despite some union troubles, became a reality: a resident company, producing plays in nightly repertoire which were not regular fare at the downtown houses. It has now proved itself in several weeks of profitable existence (which is more than many a New York play will run), and may yet make the skeptics eat their words.

The only meaningful standards of judgment for a repertoire are its own; much as they may desire praise for truly brilliant skill, few who are still discovering their limitations can achieve it. Lyric purports to be a well-seasoned, but comparatively young group, whose members intend to make their living in that particular form of artistic insanity known as "The Theatre." "The Devil's Disciple", their third and probably best effort to date, shows their seriousness and some expected weaknesses. The show is not professional in the best sense of the word; of course, neither are some of our "pre-Broadway" or even "Broadway" offerings. The sets, "executed" in the literal sense of the word by Louis Galenas' Scenic Art Studios, were slapdash and unconvincing; many of the effects, lighting and sound, were poor to the point of laughter; some of the company are painfully inept, and there are too many "gimmicks", both vocal and physical, being employed by young performers still learning their craft. Nonetheless, Lyric's "Devil's Disciple" is one of the better productions of a Shavian play I have seen, amateur or professional; the cast is young and eager, the pace, rapid and fairly convincing. With its faults, this is an amusing show; it is worth seeing.

—Michael A. Hall '57

## the kibitzer

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H-Q 10 7 3			
D-A K 4			
C-K Q 9 8			
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The Bidding:	E S W N		
	1S 2C P 2H		
	2S 2NT P 3C		
	3S P P 3NT		
	Dbl P P P		

Opening Lead: Four of Spades.

This hand again shows that before the first trick is played you should devise a plan for playing the hand. When the opening spade was led, South counted out his tricks: one spade, two diamonds and six clubs. So he banged down the ace of spades and then followed up with the king, queen and ace of clubs. Declarer now realized something that he had not noticed at the beginning of the hand. His club suit was blocked by the nine in dummy's hand and he could not return to his own hand to run clubs.

Had South a little more foresight at the beginning of the hand he could have devised a plan for making the contract. He must unblock the dummy by discarding a club. A discard on diamonds or hearts is out of the question as his own hand has less of each suit than the dummy. The discard must then come from spades. If declarer ducks two rounds of spades he can then use the ace of spades to pitch the blocking club. The most East-West can take are two spades and the ace and king of hearts.

—H. Cohen '57

## Calendar Of Events

### WEDNESDAY, MAY 2

Varsity Golf Team. Game with Harvard University and Babson Institute of Business Administration.

OAKLEY COUNTRY CLUB, 3:30 p.m.  
Civil and Sanitary Engineering Department. Hydromechanics Seminar: "Wave Forces on Offshore Structures." Mr. W. C. Shapiro and Mr. T. A. Marlow, Civil and Sanitary Engineering Department. College in Room 48-208 at 3:45 p.m.

ROOM 48-208, 4:00-5:00 p.m.  
Mathematics Department. Colloquium: "The Trace Formula for Discontinuous Groups." Professor A. Selberg, Institute for Advanced Study, Princeton. Tea in Room 2-290 at 4:00 p.m.

ROOM 2-390, 4:30 p.m.  
Catholic Club. Open lecture: "Choosing a Marriage Partner." Mr. John C. Cart.

ROOM 2-190, 5:00 p.m.  
Lecture Series Committee. Address: "The United Nations in Latin America," by Asdrubal Salsamendi of Uruguay, Liaison Officer in the United Nations Department of Public Information. Admission free.

KRESGE AUDITORIUM, 8:00 p.m.

### THURSDAY, MAY 3

Freshman Tennis Team. Game with Babson Institute of Business Administration.

BURTON HOUSE COURTS, 3:30 p.m.  
Architecture and City Planning Department. Housing Seminar: "The British New Towns." Professor H. Wentworth Eldredge, Chairman of the Department of Sociology and Anthropology, Dartmouth College.

ROOM 7-437, 4:00 p.m.  
Physics Department. Colloquium: "Calculation of Wave Functions in Crystals." Professor Philip M. Morse, Physics Department. Tea in Room 6-321 at 3:45 p.m.

ROOM 6-120, 4:15 p.m.  
Architecture and City Planning Department. Lecture: "Creativity in the New Academy." Mr. Paul Rudolph, of Florida, Architect.

ROOM 7-437, 8:00 p.m.

### FRIDAY, MAY 4

MIT Model Railroad Club. Annual open house for the entire Institute community.

ROOM 20E-216, 2:00-6:00 p.m.  
Unesco and MIT Center for International Studies. Discussion: "The Relationship of Human Values to the Process of Social Change." Dr. James R. Killian, Jr., will open the meeting. Chairman: Professor Rupert Emerson, Harvard University. The discussion by 11 eminent American and Asian leaders is part of a nation-wide Conference on Asian-American Cultural Relations. Open to the public.

LITTLE THEATRE, KRESGE AUDITORIUM, 2:00-4:30 p.m.  
Varsity Tennis Team. Game with Holy Cross College.

BURTON HOUSE COURTS, 3:30 p.m.  
Lecture Series Committee. Lecture: "The Indian Synthesis and the West." The Honorable Arthur S. Lall, Permanent Delegate to the United Nations from India. Admission free.

KRESGE AUDITORIUM, 5:00 p.m.  
Lecture Series Committee. Film: "Executive Suite," starring William Holden and Frederick March. Also selected short subjects. Admission 30 cents.

KRESGE AUDITORIUM, 7:30 and 9:45 p.m.

### SATURDAY, MAY 5

Freshman Baseball Team. Game with Newton Junior College.

BRIGGS FIELD, 2:00 p.m.

Varsity Lacrosse Team. Game with Amherst College.

BRIGGS FIELD, 2:00 p.m.

MIT Model Railroad Club. Special open house in conjunction with Parents Weekend. Parents, and staff unable to come on Friday, are especially welcome.

ROOM 20E-216, 2:00-5:00 p.m.

Freshman Track Team. Meet with University of New Hampshire.

BRIGGS FIELD, 2:00 p.m.

Varsity Track Team. Meet with University of New Hampshire.

BRIGGS FIELD, 2:00 p.m.

Heavyweight Crew. Race with Dartmouth College, Columbia University, Boston University, and Syracuse University.

CHARLES RIVER, 3:30 p.m.

Graduate House Social Committee. Monte Carlo Night. Open to graduate students.

GRADUATE HOUSE, CAMPUS ROOM, 8 p.m.

### SUNDAY, MAY 6

Tech Night at the Pops. For Tech Night at the Pops, mail orders may be sent to Room 14-N236, MIT, and tickets will be on sale in the Lobby of Building 10 through May 4. Prices: \$2.50 per table seat (five to a table); \$1.50 and \$1.00 (reserved) in first balcony; and \$.50 (unreserved) in second balcony.

SYMPHONY HALL, 8:30 p.m.

### MONDAY, MAY 7

Civil and Sanitary Engineering Department. Sanitary Engineering Seminar: "Evaluation of the Biological Treatability of Industrial Wastes," Mr. Luc Bois, Sanitary Engineering Department; and "Analysis of Stack Effluent from Municipal Incinerators," Mr. Bernard Steigerwald, Sanitary Engineering Department.

ROOM 1-211, 11:00 a.m.  
Meteorology Department. A.M.S.-MIT Seminar: "Field Measurement of Diffusion and Turbulence." Dr. Harrison E. Cramer, Round Hill Field Station.

ROOM 12-182, 4:00 p.m.

Technology Dames. Dinner and final meeting of the year. Open to wives of students.

FACULTY CLUB, 7:30 p.m.

### TUESDAY, MAY 8

Lecture Series Committee. Lecture: "Makers of the Modern World." Mr. Louis Untermeyer, poet and American anthropologist. Admission free.

KRESGE AUDITORIUM, 5:00 p.m.  
Student Personnel Department. Address: "What are the contributions that the working students at MIT make to society?" The Honorable Robert H. Winters, Minister of Public Works and member of the Cabinet of the Canadian Government. MIT family invited.

KRESGE AUDITORIUM, 8:00 p.m.

Music Department. Song recital by Mr. Paul Matthen, bass-baritone. Stuttgart State Opera Company of Germany, accompanied by Professor Gregory Tucker at the piano. Program will include songs by Levy, Roy, Tucker and Schubert. Admission free.

LITTLE THEATRE, KRESGE AUDITORIUM, 8:30 p.m.

### CALENDAR OF EVENTS

The Calendar of Events is distributed to the staff through the Institute's mails each Wednesday, with announcements for the following eight days. Notices should be in the editor's office, Room 7-204, no later than noon on Thursday prior to the date of publication. Material for the Calendar of May 9-16 is due May 3.



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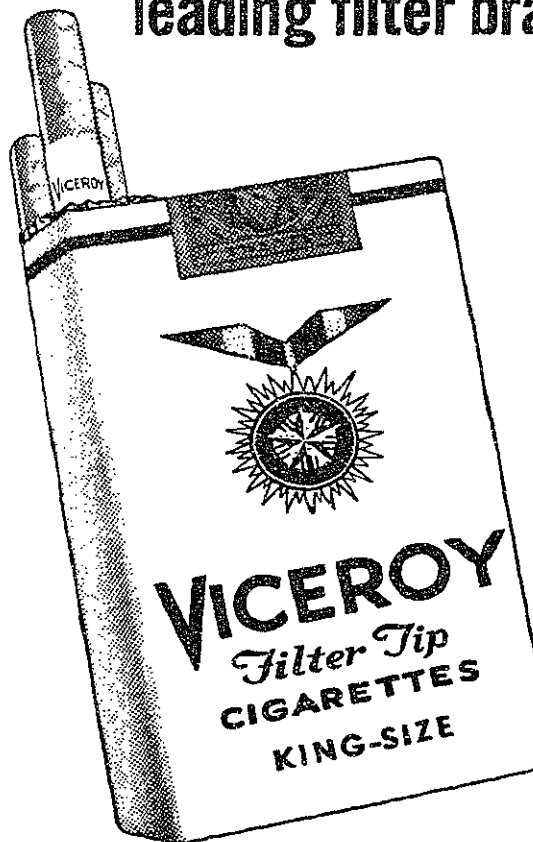
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## Tech 2nd In Track, Sailing, Win Rugby In Saturday's Play

Tech's spring sports schedule hit full force over the week-end with every team seeing action. In track the Engineers came off with a close second in a triangular meet, 7 points behind Tufts and 1 ahead of Williams. With top runners Tom Hoffman and Ed Carter out of action, Tech scored almost all its points in the field events.

On the Charles last Saturday, the MIT sailors beat Harvard for the first time this year only to be upset by a surprising Bowdoin team for the Geiger Memorial Trophy. The Polar Bears rolled up 71 points to win by 3 over Tech and 9 over the Crimson.

In tennis the Techmen finally won a match as they defeated the Quonset Fliers 5-4 last Friday. Saturday, however, Brown proved too strong as they downed MIT 6-3. The Rugby Club continued its successful ways, winning their third straight game by a 6-0 score over the Wall St. Athletic Club. Grad students Marrus Louw and Joe Walsh accounted for the scores.

## notices

### IPC NOTICE

A conference will be held on May 5 at MIT's Endicott House to evaluate international programming and U. S.-Foreign Student Relations on campus. Among the discussion leaders will be Dean Fasset and Messrs. Chalmers and Chamberlain from Admissions. Foreign students interested in attending should contact John Holmfeld immediately at TR 6-2341. Transportation will be provided, leaving Building 7 at 12:20 p.m.

### CATHOLIC CLUB

Starting tomorrow, there will be a series of lectures on "Marriage" presented by the Catholic Club at Tech.

## MIDWESTERNERS

Train fare to Chicago has gone up, but the G. and C. Travel Plan is still \$59.80, round trip. Return any time in September.

Call UN 4-0622  
 immediately—deadline is May 3.

ALSO FLY TO CALIFORNIA  
 round trip for \$198.00

## Tech Crews Swamped By Harvard Lose 5 of 6 Races On Saturday

A single victory by MIT's freshman lightweight boat was all that kept Harvard from a clean sweep on the Charles last Saturday as the Crimson rowed to 5 decisive victories over Tech crews. Though Dartmouth and Boston University were other starters in the light and heavy races respectively, the competition was all between MIT and Harvard, with Tech clearly on the short end.

### Harvard Wins In Sprint

The afternoon started in fine fash-

ion as the frosh lightweight boat won by two lengths in 7:41. In the JV race, however, Harvard decisively reversed last week's Tech victory by opening up a length's lead just past Burton House and then pouring on the steam to win by seven seconds. In the varsity race Tech held a small lead over the first mile, but Harvard pulled up strongly after passing Burton House to win by half a length as Tech's sprint came too late.

### Crimson Takes Heavies

The heavyweight races were even more decisive with the Crimson taking the frosh and JV races by one and three lengths respectively. In the varsity race, BU opened up with a surprising lead, but could not hold it as Harvard moved ahead at the bridge and was never headed though Tech moved up to second, 2 lengths behind. The winning time was a good 9:45.7 with Tech turning in 9:54.4.

## National Conference On Safety Problems At Tech This Week

College and university safety problems ranging from radioactivity to student drivers are the subject of intensive study at an Institute Conference which started yesterday and will continue through tomorrow.

At least 100 specialists in safety from throughout the United States, many of them members of college and university staffs, gathered in Kresge Auditorium yesterday for the opening session of the Third National Conference on Campus Safety.

Typical of the wide range of topics being discussed are fire prevention, architectural design as related to safety, the student car problem, safeguards in handling radioactive materials, disposal of other laboratory wastes, safe handling of gases, and the safety implications of intramural athletic programs.

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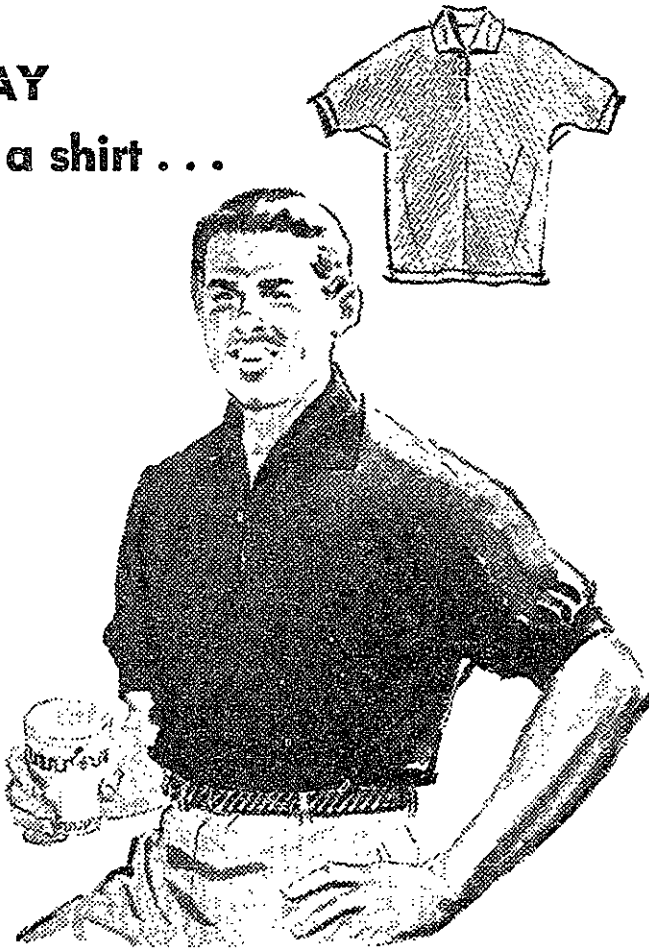
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## Institute CD Training Will Begin Next Year

### CIVIL DEFENSE

(Continued from page 1)

ing facilities are ready."

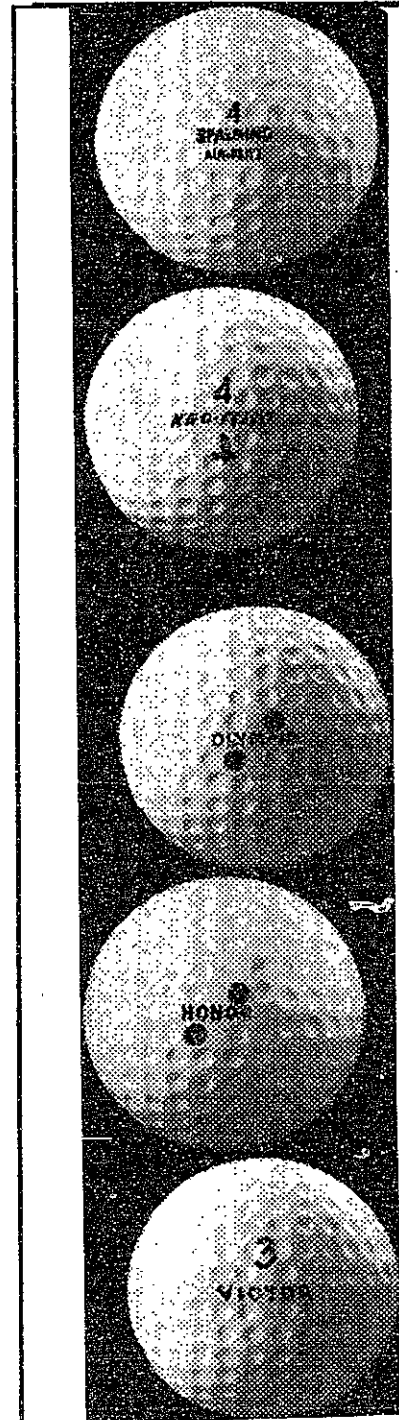
The basic approach to the MIT Civil Defense Program was originally set forth by President Killian in a speech last September, from which Professor Adams has derived a set of principles to guide the Institute.

Speaking before the U.S. Civil Defense Council at its Fourth Annual Conference in Boston—Dr. Killian mentioned the part played by a strong civil defense in achieving "peace through deterrents"; "I would like to emphasize the importance of a sound Civil Defense Program as . . . an effective deterrent (to war) . . . In this sense the basic objective of our Civil Defense Program should be to insure the likelihood that those cities and communities subject to an atomic attack in the event of war could survive to reorganize their life and thus to make it more difficult for any kind of sneak attack to be conclusive." This becomes Adams' principle of civil defense as an instrument of deterrent power.

But how is the basic objective of civil defense to be achieved? "I stress and urge," said Dr. Killian, "the importance of increased research and analysis . . . (as well as special studies) to adapt our evacuation and shelter policies to the special requirements imposed by different (communities)." Professor Adams grants that the complex of extremely valuable experimental apparatus at MIT imposes very special requirements on such policies, much as does the complex of factories in a highly industrialized city. But he points out that, at the same time, we have certain special assets: a steel building, massive basement construction, excellent disaster equipment, and the technical skill of the MIT family, which can do much "toward the preservation of life and welfare within this family."

This does not imply, however, that the technically skilled alone should be mobilized, or could possibly handle a nuclear disaster, while the majority sit idly by. Everyone, "equally and without exception" is "subject to the dangers of nuclear attack." Therefore, "the well being of each person depends upon . . . the efforts of every member of the family." Does this need for "total mobilization" mean that MIT is an especially desirable

target which must take extra precautions? "Absolutely not" says Professor Adams. "It is ridiculous to think of an enemy aiming a hydrogen bomb at Building 10. With thermonuclear weapons, not Bulfinch 10, nor all of MIT, but all metropolitan Boston becomes one single target. In the event of war, the MIT family would be in great danger—but so would every other person in the Boston area and in the United States. With this in mind, complete cooperation in civil defense becomes nothing more than the conventional act of a prudent person."



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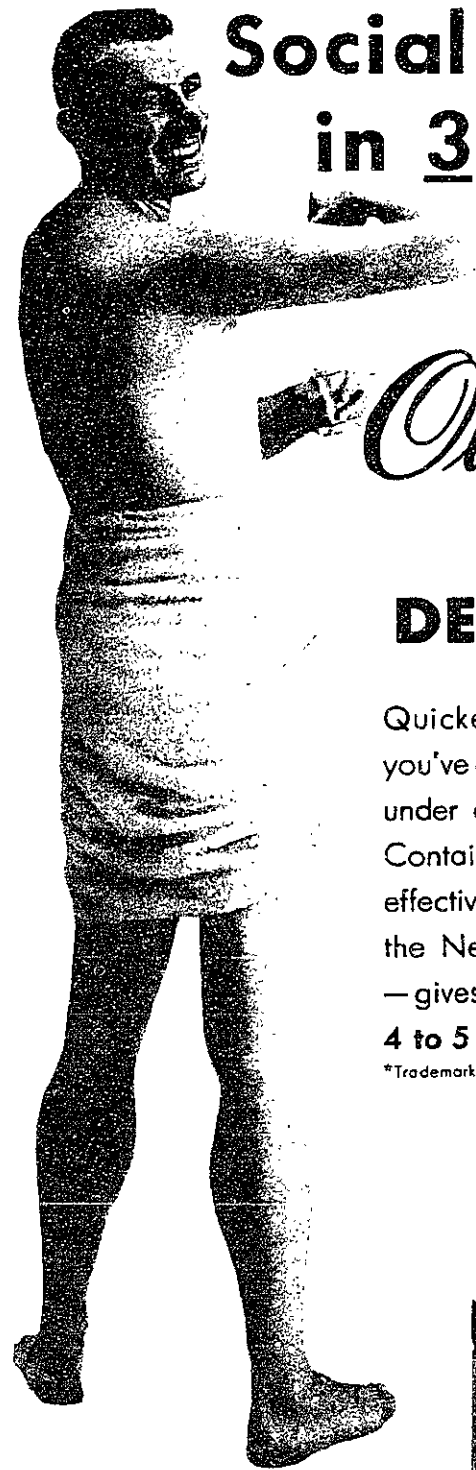
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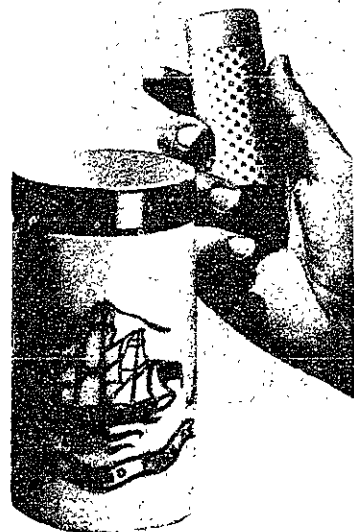
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